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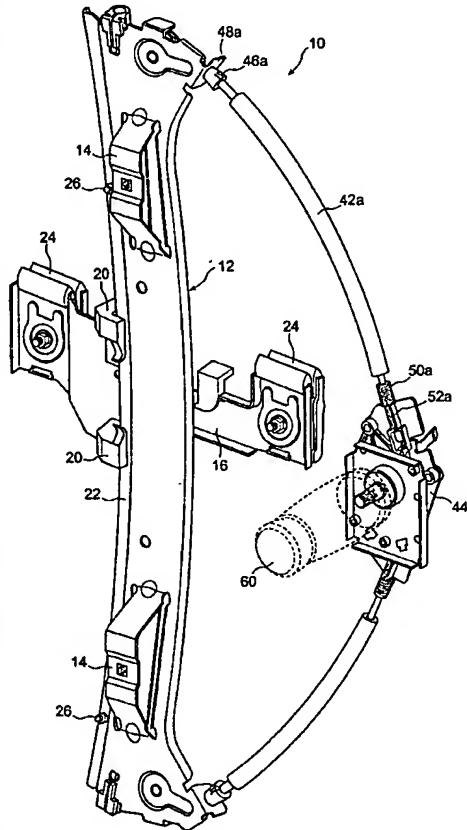
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| (71) Applicant (<i>for all designated States except US</i>): | INTIER AUTOMOTIVE CLOSURES INC. [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA). | |
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| (75) Inventor/Applicant (<i>for US only</i>): | SMITH, Peter, J. | |

[Continued on next page]

(54) Title: WINDOW REGULATOR



(57) Abstract: A window regulator, e.g., for a vehicle window, which includes opposing block and pulley arrangements that interact via a lift pulley (36) mounted to a lift plate (16) that slides along a rail (22). Operative movement of a crank assembly (44) in a first sense tensions a cable (32a) to move the lift plate (16) towards a first end (34a) of the rail (22), and operative movement of the crank assembly (44) in a second sense, opposite the first sense, tensions a cable (32b) to move the lift plate (16) towards a second end (34b) of the rail (22). The regulator enables the reduction of the operating torque requirements without affecting the packaging of the crank assembly.

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SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E05F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 309 679 A (WARD MARCUS J S) 10 May 1994 (1994-05-10) column 3, line 51 – line 63; figure 4	1,11-15
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X	GB 512 273 A (ARTHUR SMYE; WILMOT BREEDEN LTD) 31 August 1939 (1939-08-31) figure 2	2,4,5, 7-9,16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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